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# Example of Medical Physicist Job Description

Our innovative and growing company is looking for a medical physicist. To join our growing team, please review the list of responsibilities and qualifications.

## Responsibilities for medical physicist

* Performs weekly chart reviews of Radiation Oncology treatment plans under direction of Chief Medical Physicist
* Performs dosimetry calculations for external beam, brachytherapy and radiopharmaceutical therapy for Radiation Oncology, including in-vivo dosimetry and measurement system
* Assures the accuracy of treatment unit parameters and settings used for patient treatment, including accurate transfer of planning data between simulator, CT, treatment planning computer and treatment unit
* Actively participates in implementation of new programs and technologies, such as information management system, treatment planning, and new modalities
* Provides medical physicist consultation to physicians, staff and patients as needed
* Assists in performance of acceptance testing and commissioning of new equipment
* Assists dosimetry staff in the performance of treatment planning, providing coverage when needed
* Assists in the design and fabrication of treatment aids and treatment beam modifiers
* Assists Director/Operations Manager, Chief Physicist and Radiation Oncologists in planning for resource allocation and program operation, including on-going review of program policies and procedures
* Attends/participates in Radiation Oncology Physics or related medical meetings

## Qualifications for medical physicist

* ABR Diagnostic Radiological Physics board certification eligible but not required
* Two years diagnostic medical physics clinical practice experience (medical physics graduate program or residency clinical experience acceptable)
* Supports the administrative directives of the department Director/Operations Manager and Chief Physicist
* Minimum of M.S
* Minimum five (5) years clinical radiation therapy physics experience
* Experience/knowledge of computers/networking